

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A fuel cell for production of electrical energy, comprising

a fuel chamber (1)

an anode (2a),

a cathode (2b),

an electrolyte (3) disposed between said anode and said cathode,

an oxidant chamber (4), wherein said chambers (1) and (4) enclose said anode, cathode and electrolyte,

wherein said electrolyte (3) is a ceramic CSC (ceria salt composite) electrolyte with an operating temperature range of 300°-800°C and comprising at least one salt and at least one ceria phase, and

wherein the electrolyte is sulphate-based CSC for sulphur containing fuels, intended to operate as a high sulphur tolerant CFC device, acting as a pre-gas treatment station and intended to be combined with MCFC power plants.

2. (previously presented) A fuel cell according to claim 1, wherein the electrolyte comprises salts selected from

salts that makes the CSC material function as a specific conductor for particular ions.

3. (previously presented) A fuel cell according to claim 1, wherein the electrodes comprise binary oxides selected from the group of binary oxides consisting of: $A_xB_yO_z$ ($A, B=Li, Mg, Ca, Sr, Cr, Fe, Co, Ni, Mn, Cu, Y, La, Ce, Zr, \text{ or } Ti$).

4. (canceled)

5. (currently amended) A fuel cell according to claim 2, wherein the electrodes comprise binary oxides selected from the group of binary oxides consisting of: $A_xB_yO_z$ ($A, B=Li, Mg, Ca, Sr, Cr, Fe, Co, Ni, Mn, Cu, Y, La, Ce, Zr, \text{ or } Ti$).